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Part Number: 0358021229
Status: Active
Overview:
Description: 1.00mm (.039") Pitch FFC/FPC Connector, Vertical, Non-ZIF, Yes, 12 Circuits

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	FFC/FPC Connectors
Series	35802
Comments	Use Pre-Notched
Overview	ffc_fpc_throughhole
Product Name	N/A

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
Contact Position	Top
Durability (mating cycles max)	10
Entry Angle	Vertical
Flammability	94V-0
Mated Height (in)	0.205 In
Mated Height (mm)	5.20 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.126 In
PC Tail Length (mm)	3.20 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.039 In
Pitch - Mating Interface (mm)	1.00 mm
Pitch - Term. Interface (in)	0.039 In
Pitch - Term. Interface (mm)	1.00 mm
Plating min: Mating (µin)	32.00
Plating min: Mating (µm)	0.800
Plating min: Termination (µin)	32.00
Plating min: Termination (µm)	0.80
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20°C to +80°C
Termination Interface: Style	Through Hole - Kinked Pin
Wire/Cable Type	FFC/FPC

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC (RMS)/DC

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
35802Series

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-35802-001
Product Specification	PS-35802-001
Sales Drawing	SD-35802-**20, SD-35802-010

This document was generated on 06/04/2010

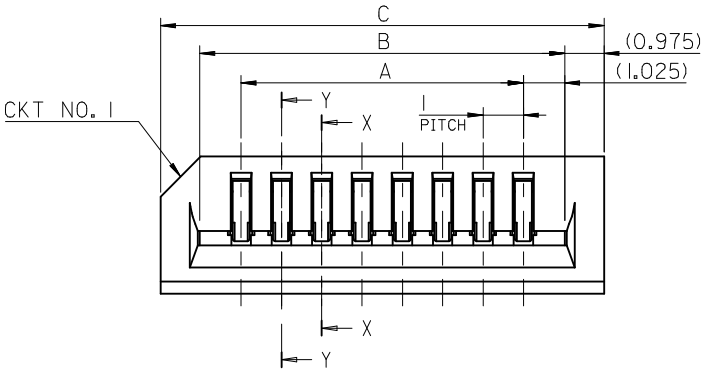
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

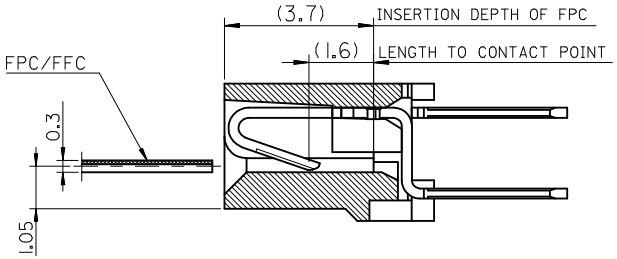
DWG. IO. SD-35802-**20

SIMILAR ITEM

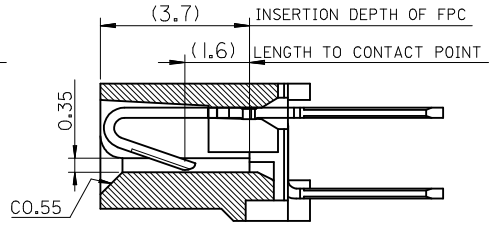
PROJECT NO.

DO NOT SCALE DRAWING
DIMENSION IN METRIC

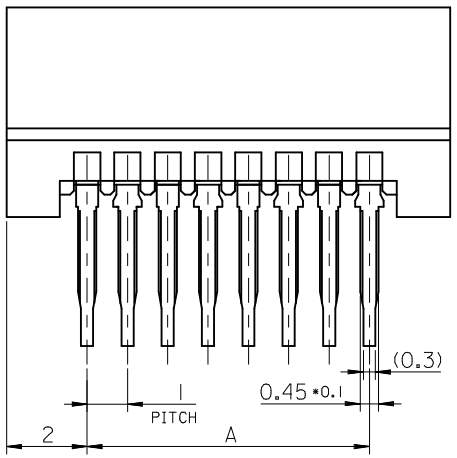


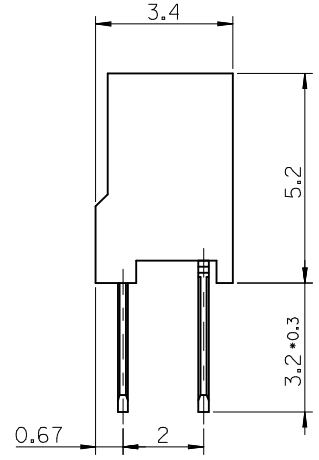


SECTION X-X
(ODD CKT)



SECTION Y-Y
(EVEN CKT)

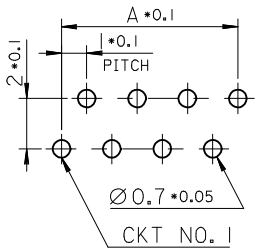




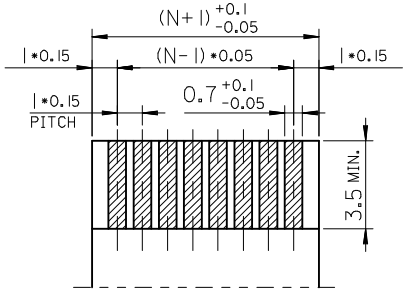
NOTES

1. MATERIAL
   HOUSING : NYLON66 (UL 94V-0)
   (COLOR:NATURAL)
   TERMINAL : PHOSPHOR BRONZE
   TIN-PLATED

33	31.05	29	35802-3020	30
32	30.05	28	-2920	29
31	29.05	27	-2820	28
30	28.05	26	-2720	27
29	27.05	25	-2620	26
28	26.05	24	-2520	25
27	25.05	23	-2420	24
26	24.05	22	-2320	23
25	23.05	21	-2220	22
24	22.05	20	-2120	21
23	21.05	19	-2020	20
22	20.05	18	-1920	19
21	19.05	17	-1820	18
20	18.05	16	-1720	17
19	17.05	15	-1620	16
18	16.05	14	-1520	15
17	15.05	13	-1420	14
16	14.05	12	-1320	13
15	13.05	11	-1220	12
14	12.05	10	-1120	11
13	11.05	9	-1020	10
12	10.05	8	-0920	9
11	9.05	7	-0820	8
10	8.05	6	-0720	7
9	7.05	5	-0620	6
8	6.05	4	-0520	5
7	5.05	3	-0420	4
6	4.05	2	35802-0320	3
C	B	A	ENG NO.	CKT NO.



P.C.BOARD LAYOUT
(MOUNTING SIDE)
(THK. : 1.6t)



APPLICABLE FPC
(THK. : 0.3 *0.03)

REVISED
EC NO. KOR2000-0038
DRWN: H.S.SHIN 00.5.29
CH'K: J.K.OH
APPR: C.W.LEE

REV	DESCRIPTION
F	

QUALITY SYMBOLS
MAJOR ▼ =
CRITICAL (C) =

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.	±.
1 PLACE	±0. 2	±.
ANGULAR: ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 8-1
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm INCH ☐INCH mm ☒mm ONLY
SHT REV
REVISE ON CAD ONLY

DRAWN BY & DATE H.S.SHIN 97.7.31
CHECKED BY & DATE J.K.OH 97.7.31
APPROVED BY & DATE C.W.LEE 97.7.31

TITLE:
1.0 PITCH FFC/FPC CONN.
NON-ZIF(DIP) HSG ASS'Y

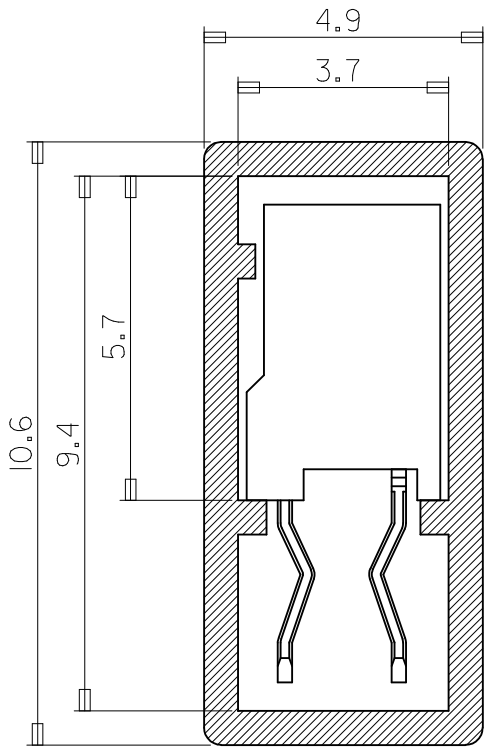
MOLEX INCORPORATED
KOREA

CAD FILENAME	MATERIAL NO.	DRAWING NO.	SHEET NO.
SD35802B.DGN	35-802-**20	SD-35802-**20	1/1

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SIZE B

MX-A3



NOTE

1. ENG NO.

HSG ASS'Y	PACKING	SHAPE	
		TAIL	KINK
35802-**10	35802-**19	3.2	0
35802-**20	35802-**29	3.2	X
35802-**30	35802-**89	2.5	0
35802-**40	35802-**49	2.5	X

2. MATERIAL : PVC

3. TUBE LENGTH : 550mm

Q'TY	CKT
15	30
16	29
	28
17	27
	26
18	25
19	24
	23
20	22
21	21
	20
22	19
24	18
25	17
27	16
28	15
30	14
32	13
34	12
37	11
40	10
43	9
47	8
52	7
57	6
65	5
74	4
85	3
Q'TY	CKT

DWG. IO. SD-35802-010

SIMILAR ITEM

PROJECT NO.

NEW RELEASED
EC NO. KOR2002-0037
DRWN: H.S.SHIN 01.10.30
CH'K: J.K.OH
APPR: C.W.LEE

DESCRIPTION

A

REV

QUALITY SYMBOLS
MAJOR ▼ =
CRITICAL (C) =

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.	±.
1 PLACE	±0.3	±.

ANGULAR: ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 8-1

DESIGN UNITS ☒mm ☐INCH

THIRD ANGLE PROJECTION

DIMENSIONS: ☐ mm/INCH ☐ INCH/mm ☒ mm ONLY

SHT | REV

REVISE ON CAD ONLY

DRAWN BY & DATE: H.S.SHIN 97.7.31

CHECKED BY & DATE: J.K.OH 97.7.31

APPROVED BY & DATE: C.W.LEE 97.7.31

TITLE:
TUBE PACKING
FOR 35802 SERIES

MOLEX INCORPORATED
KOREA

CAD FILENAME: SPK35802.DGN

MATERIAL NO.: 35802-***9

DRAWING NO.: SD-35802-010

SHEET NO.: 1/1

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SIZE A

MX-A4